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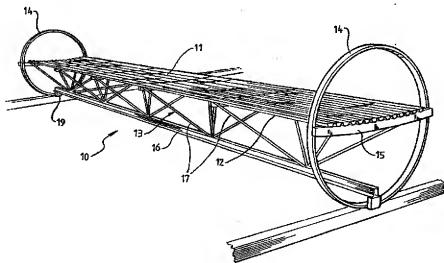
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— with international search report

(Continued on next page)

(54) Title: CARRIER FOR A SOLAR ENERGY REFLECTOR ELEMENT



(57) Abstract: A reflector element carrier structure is disclosed for use in a solar energy reflector system. The structure comprises a reflector element (11), a corrugated platform (12) which carries the reflector element and a skeletal frame structure (13) which supports the platform. The frame structure comprises hoop-like end members (14) that are supported by rollers (18) and the rollers accommodate turning of the carrier structure about an axis of rotation that lies substantially coincident with a longitudinal axis of the reflector element (11). The combination of the corrugated platform (12), the frame structure (13) and the hoop-like end members (14) of the frame structure provide the carrier structure with a torsional stability that permits the application of turning drive from one end of the structure.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000834

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: F24J 002/36,002/52,002/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC F24J 002/36,002/52,002/56

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4203426 (MATLOCK) 20 May 1980 See whole document	1-17
X	US 4106485 (POLLEY) 15 August 1978 See whole document	1-17
X	US 787145 (BROWN) 11 April 1905 See whole document	1-17



Further documents are listed in the continuation of Box C



See patent family annex

- * Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed
 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000884

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member
US	4203426	NIL
US	4106485	NIL
US	787145	NIL
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.		
END OF ANNEX		